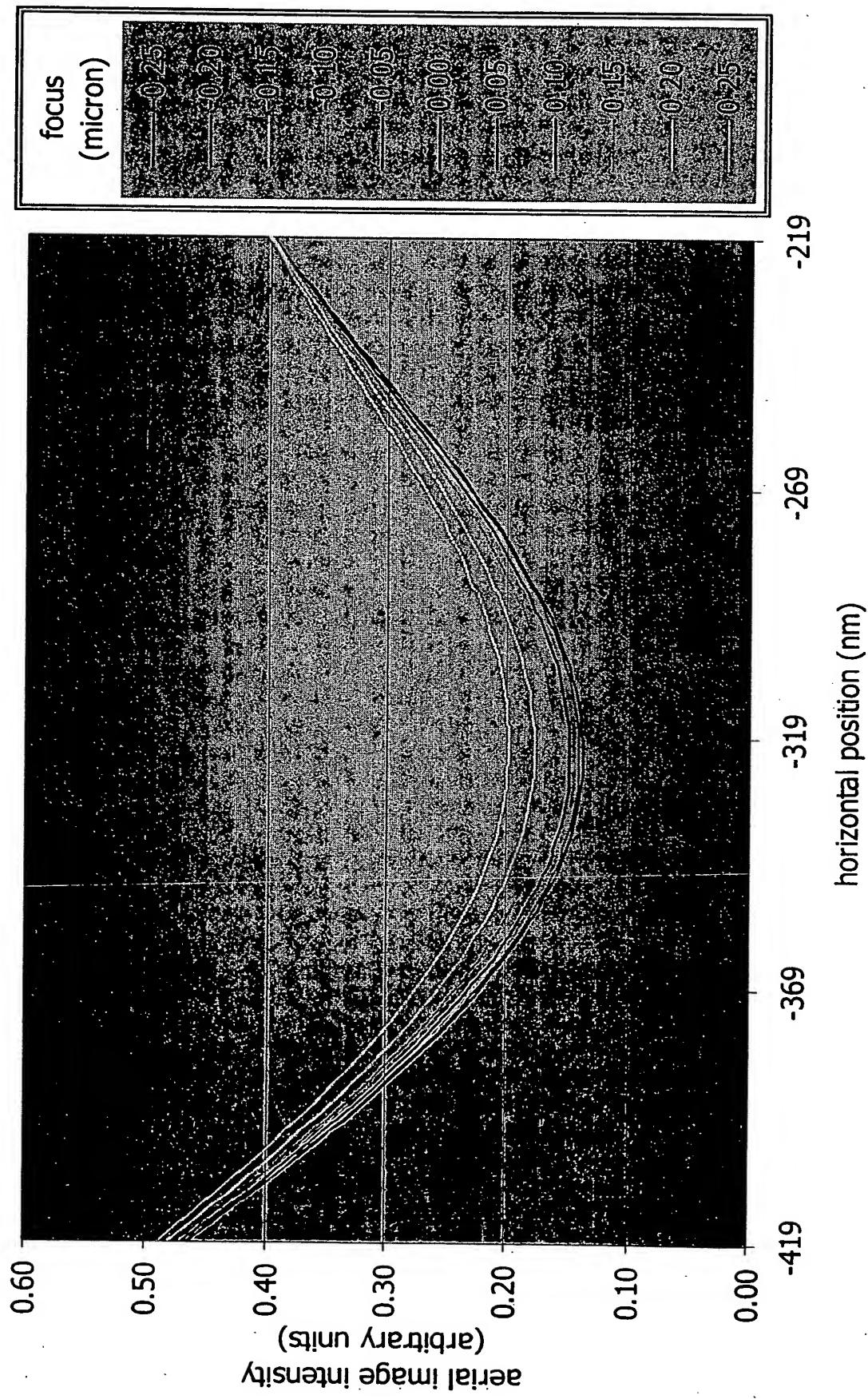


fig 1a      aerial image intensity vs. horizontal position  
                 grouped by defocus level  
                 pattern 1  
                 aerial image intensity vs. horizontal position and focus  
                 no aberration case



Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

fig 1b  
aerial image intensity vs. focus  
grouped by horizontal pixel position

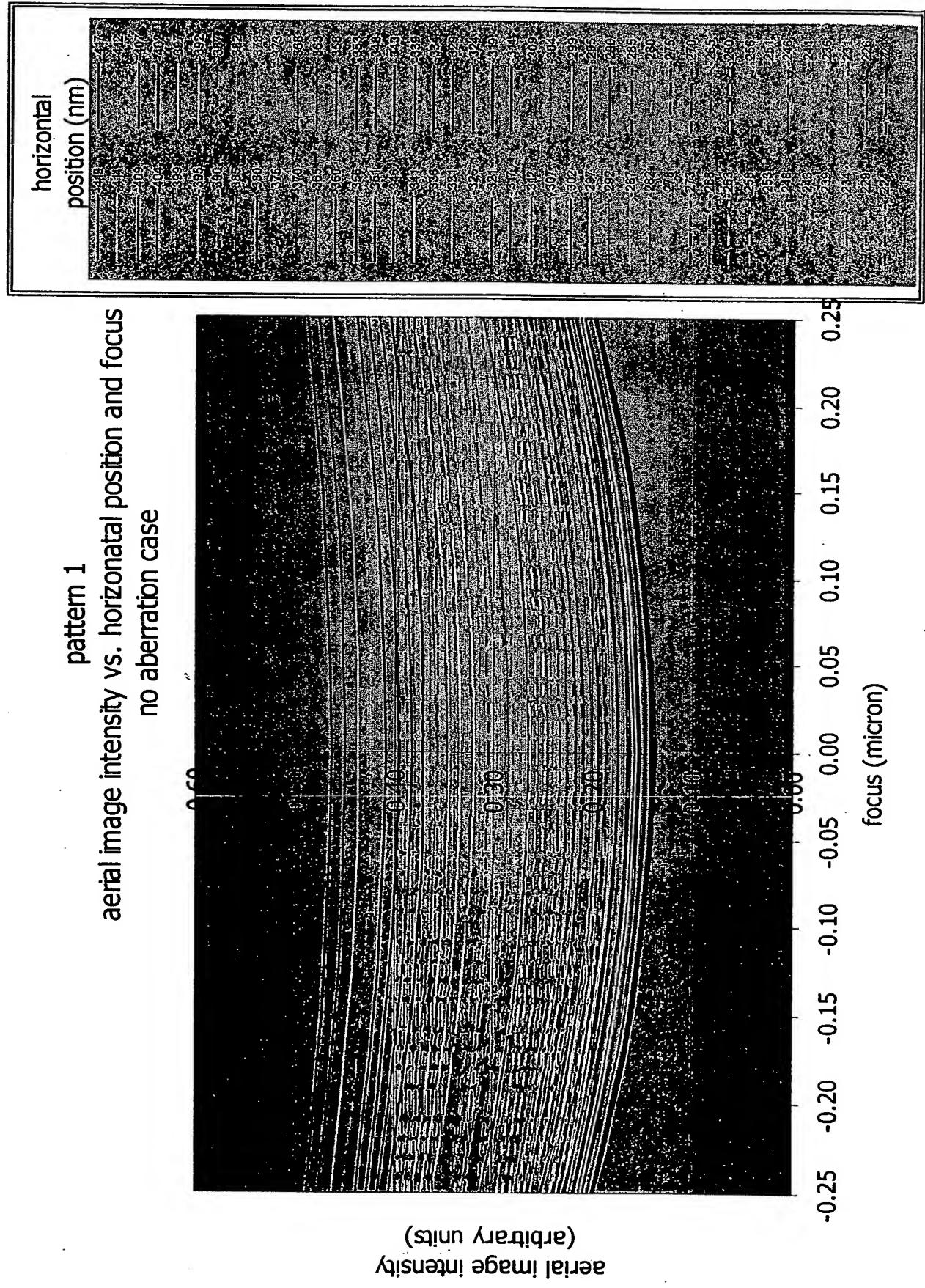
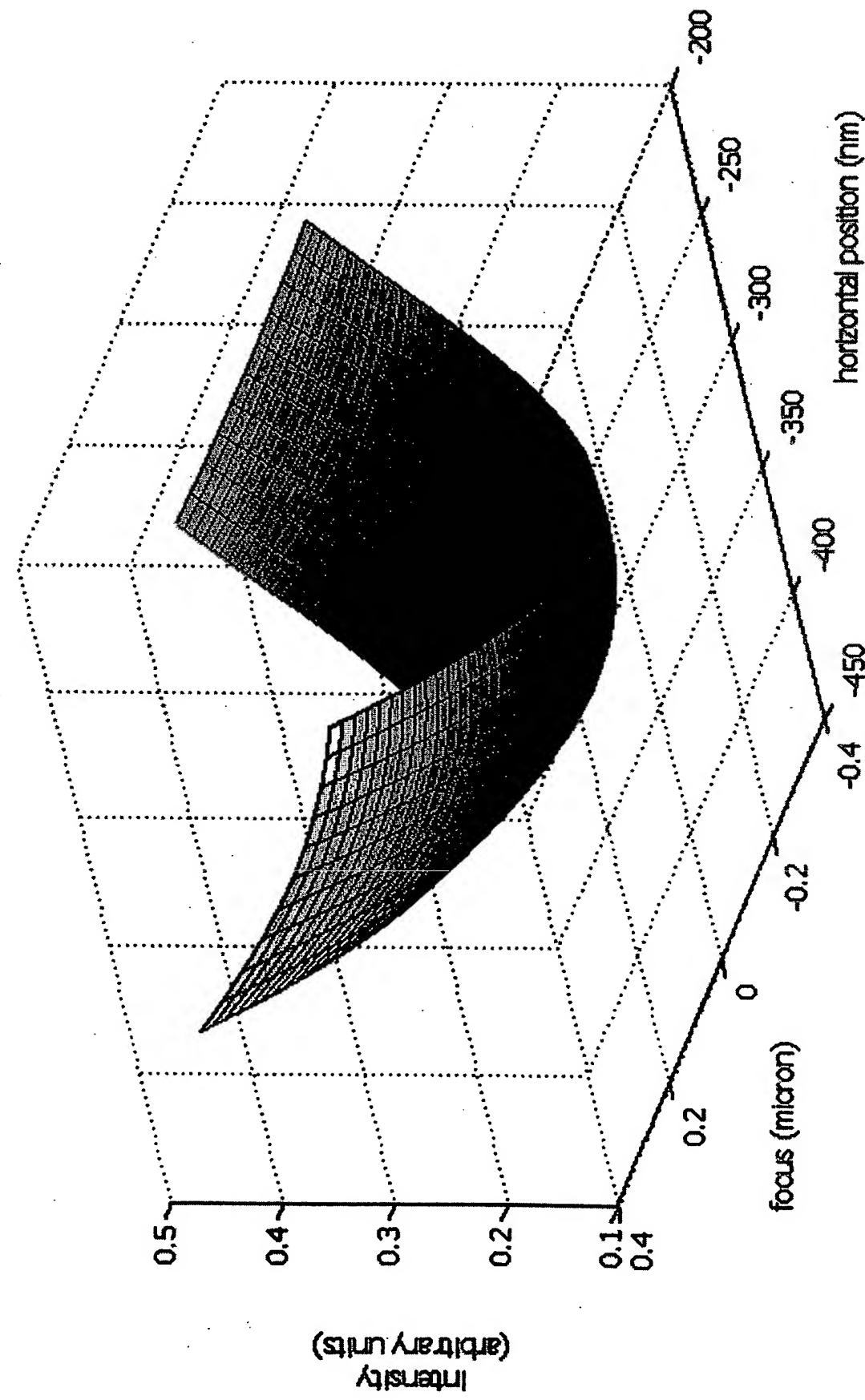


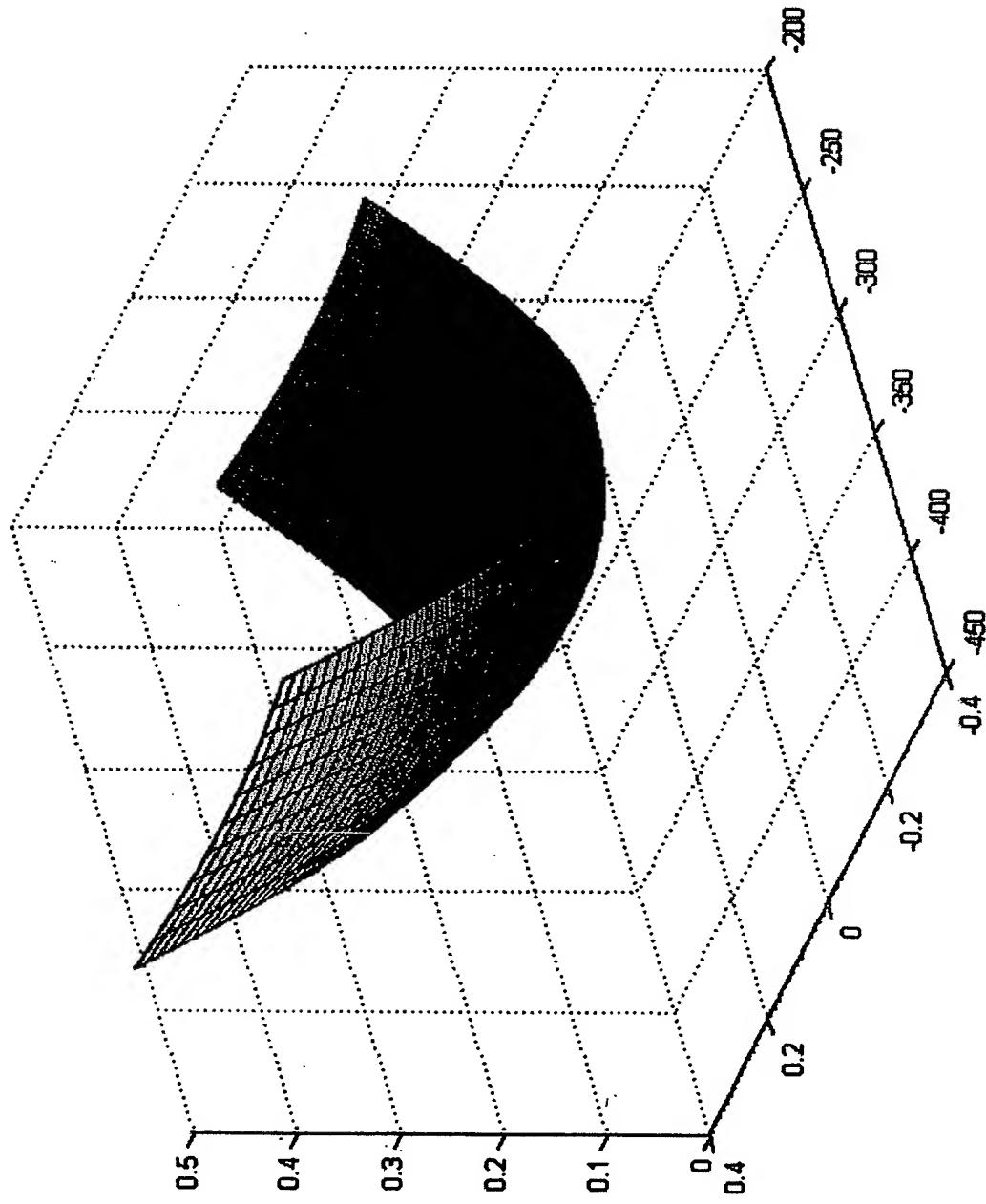
fig 2 aerial image intensity vs. horizontal position and focus  
surface plot  
pattern 1  
aerial image intensity vs. horizontal position and focus  
no aberration case



Application No. 10/538,763 Confirmation No. 5550  
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Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 -0.025 waves rms

fig 3a



Zernike 2 -0.020 waves rms

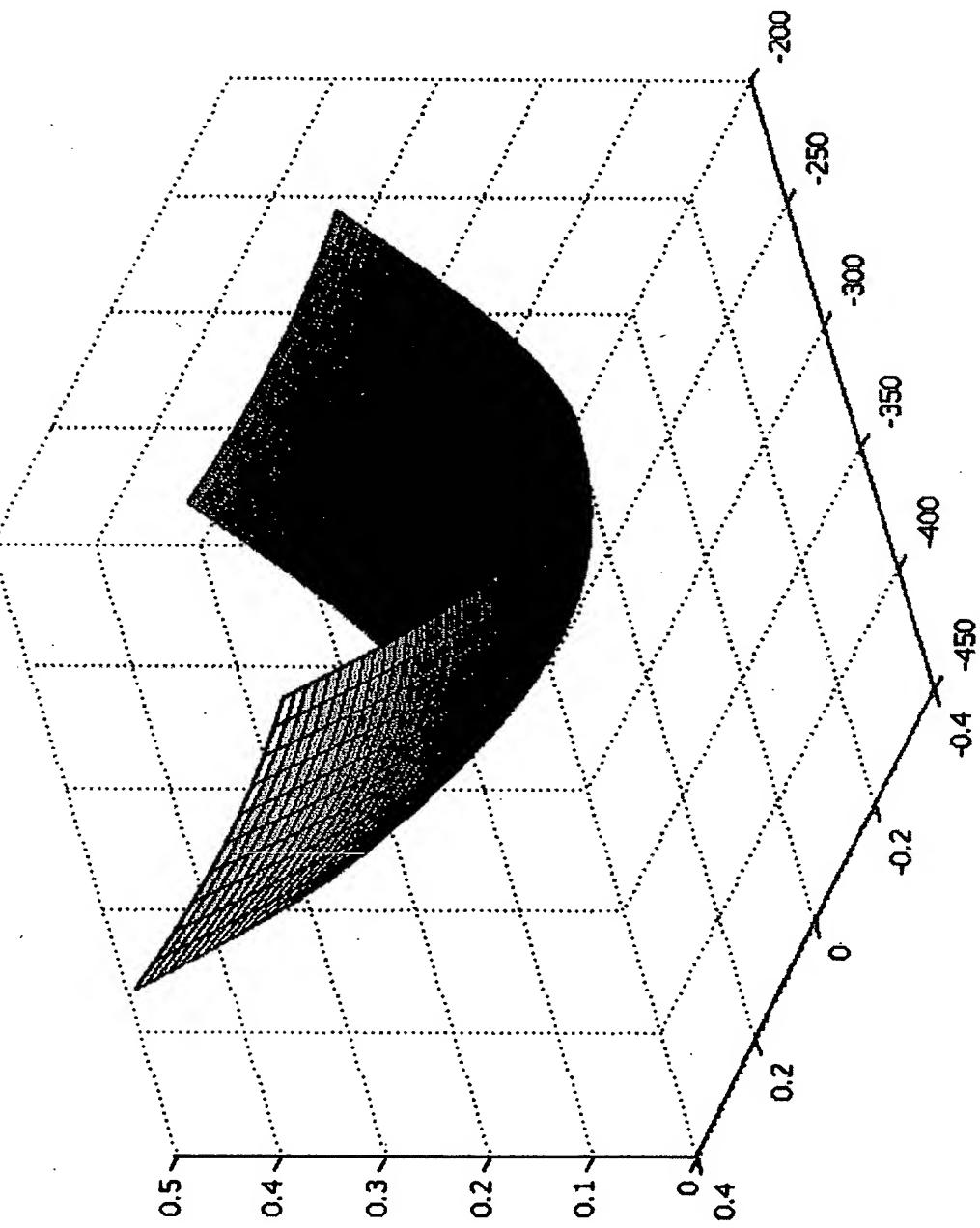


fig 3b

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
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Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 -0.015 waves rms

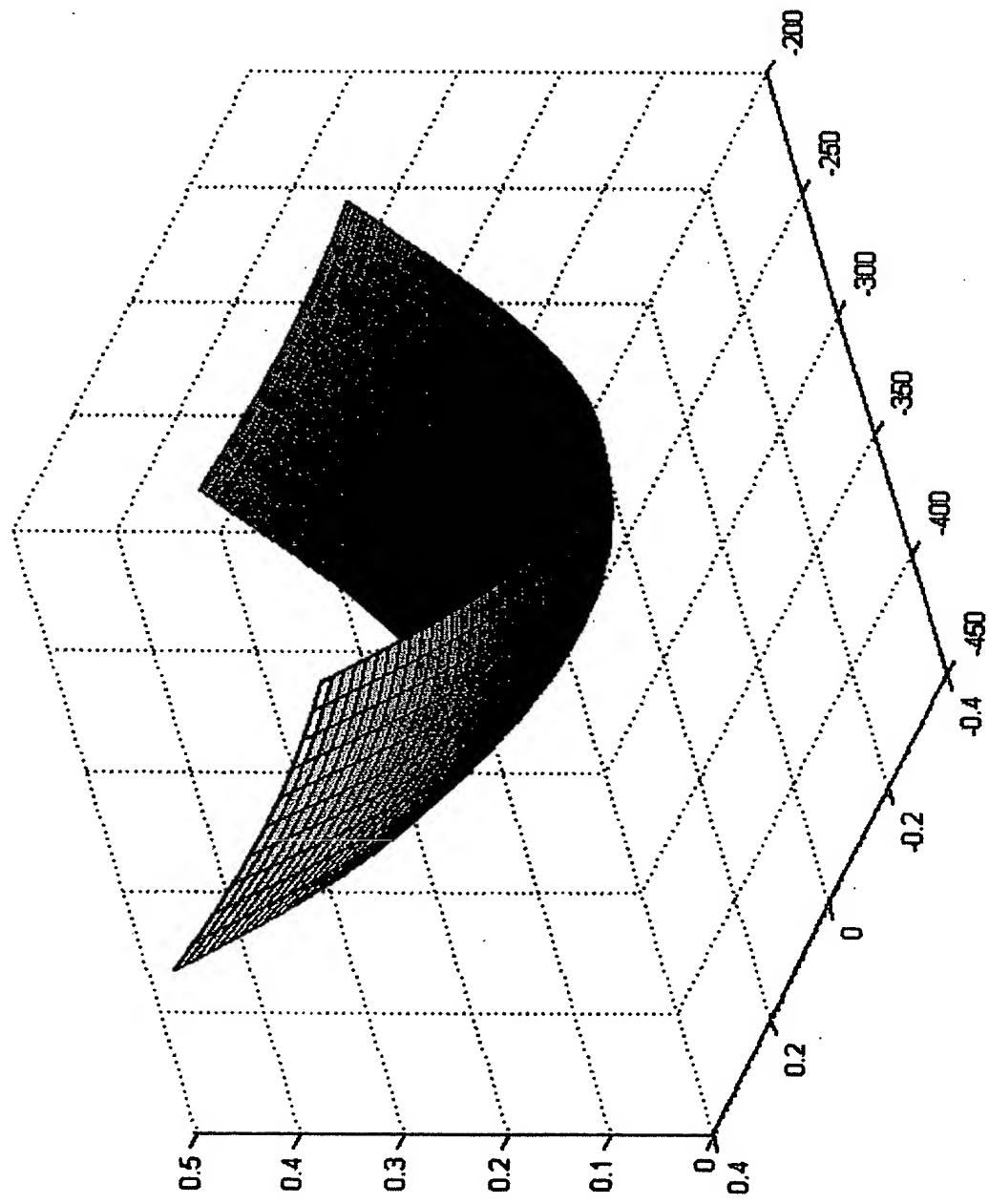


fig 3c

Zernike 2 -0.010 waves rms

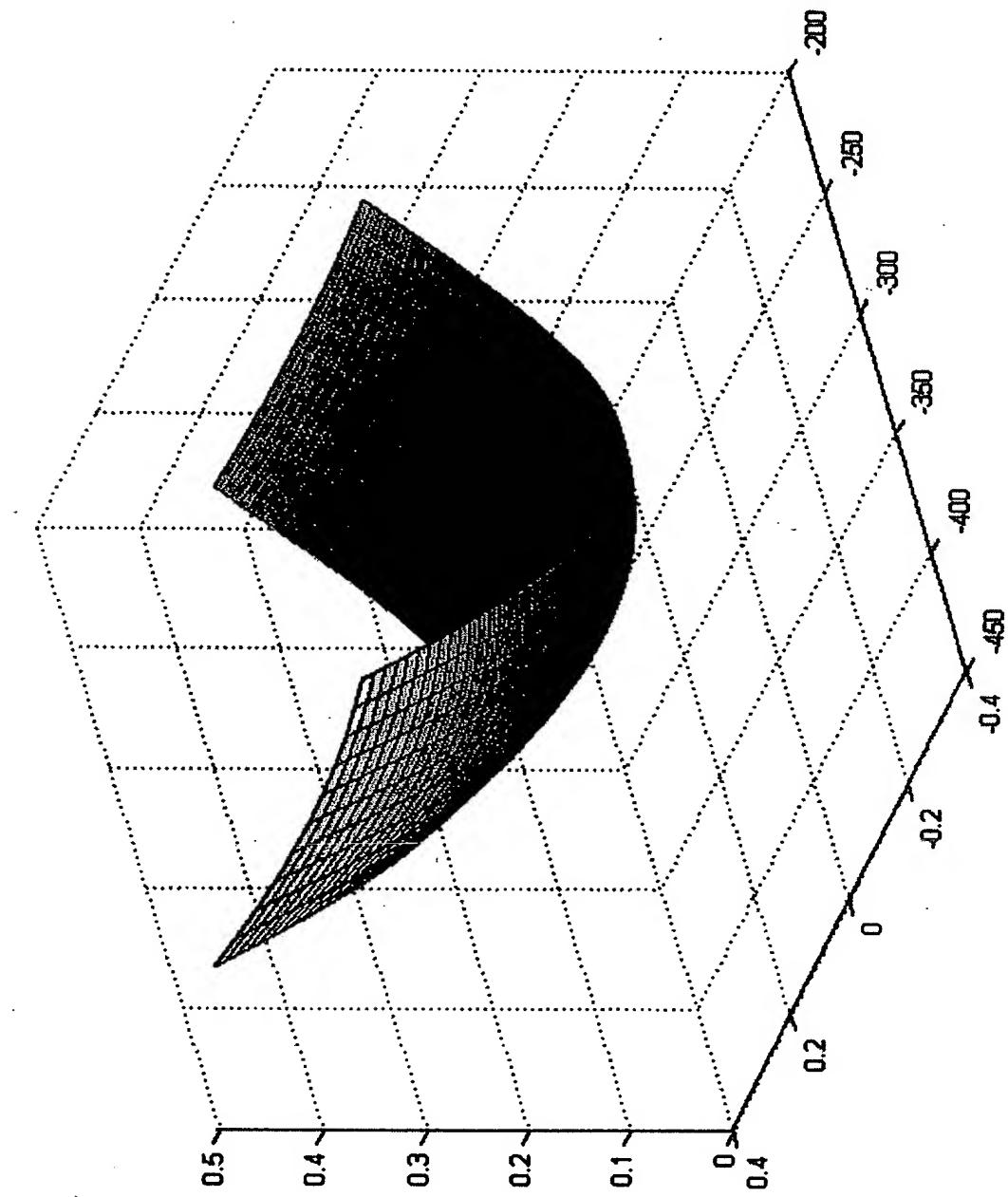


fig 3d

Application No. 10/538,763 Confirmation No. 5550  
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Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

Zernike 2 -0.005 waves rms

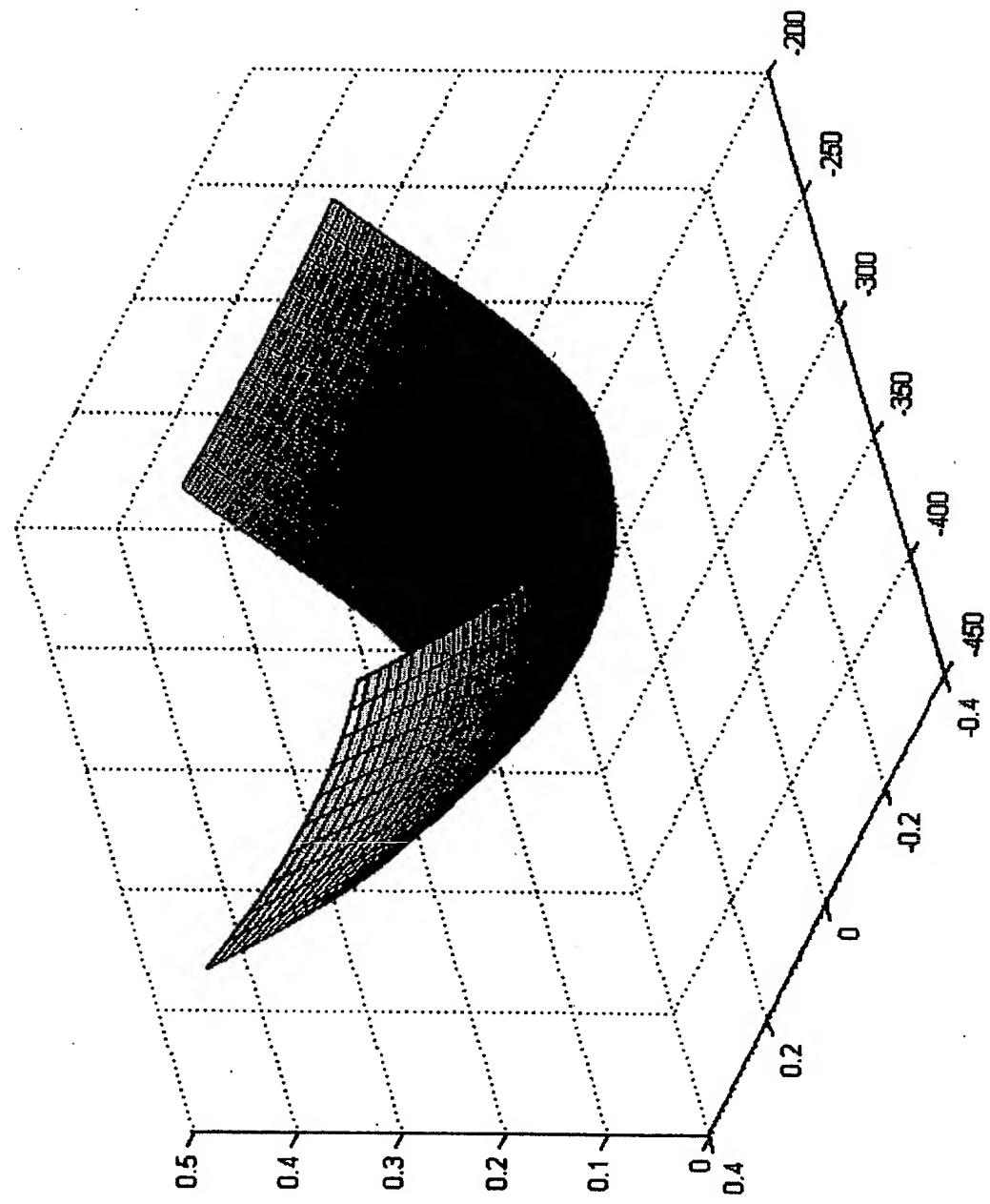


fig 3e

Application No. 10/538,763 Confirmation No. 5550  
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REPLACEMENT SHEET

Zernike 2 0 waves rms (=no aberration case)

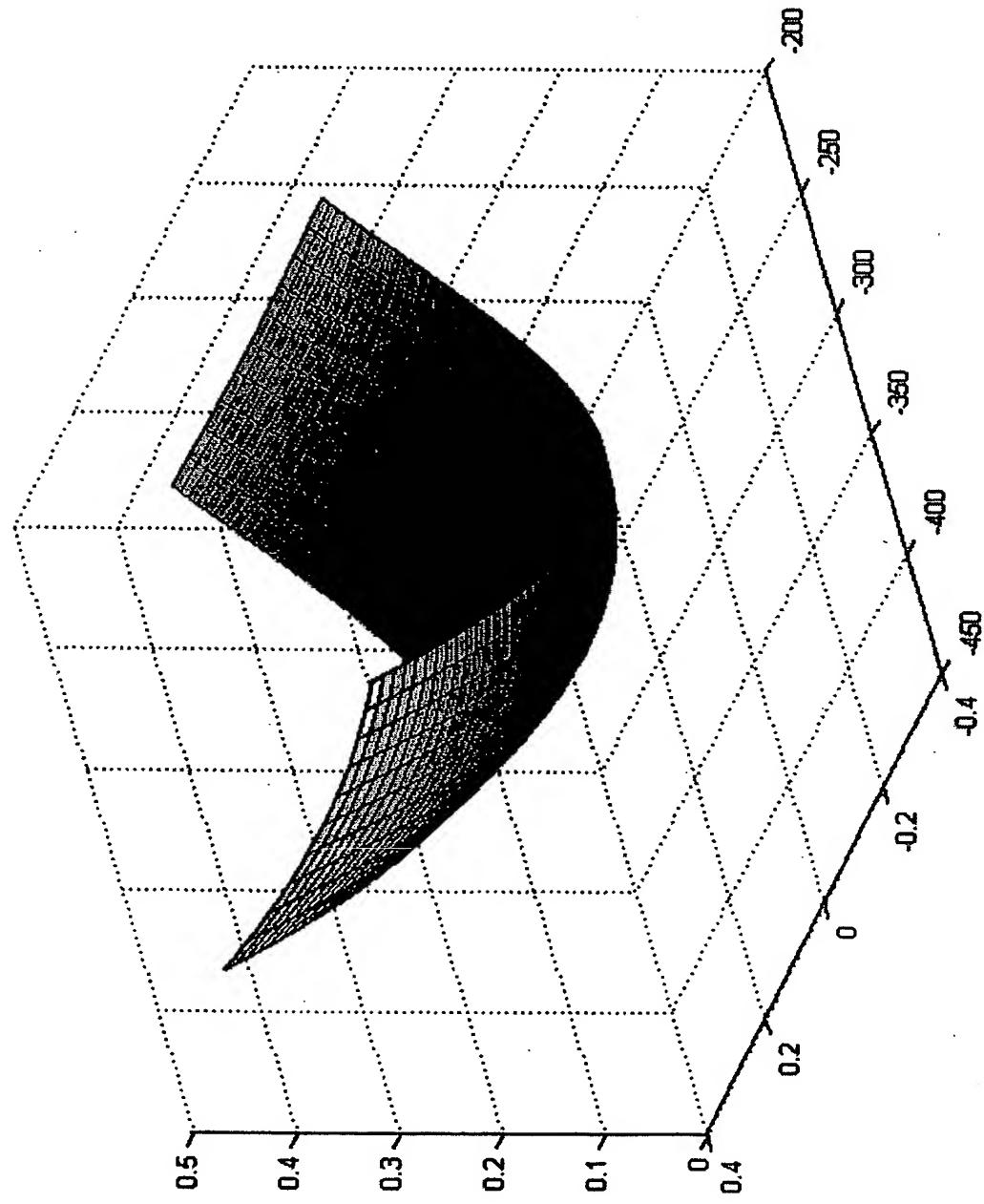


fig 3f

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
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REPLACEMENT SHEET

Zernike 2 +0.005 waves rms

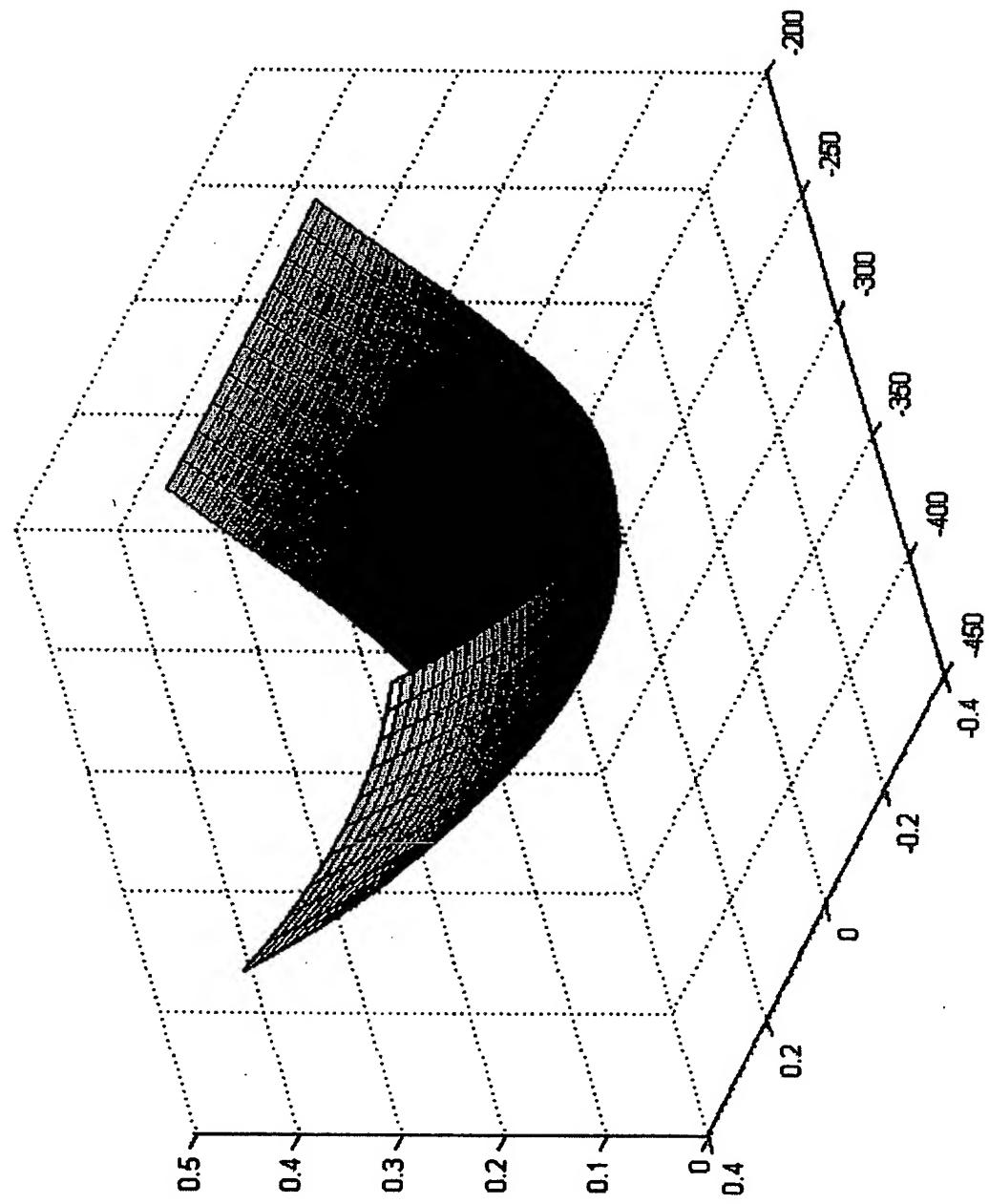


fig 3g

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
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Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

Zernike 2 +0.010 waves rms

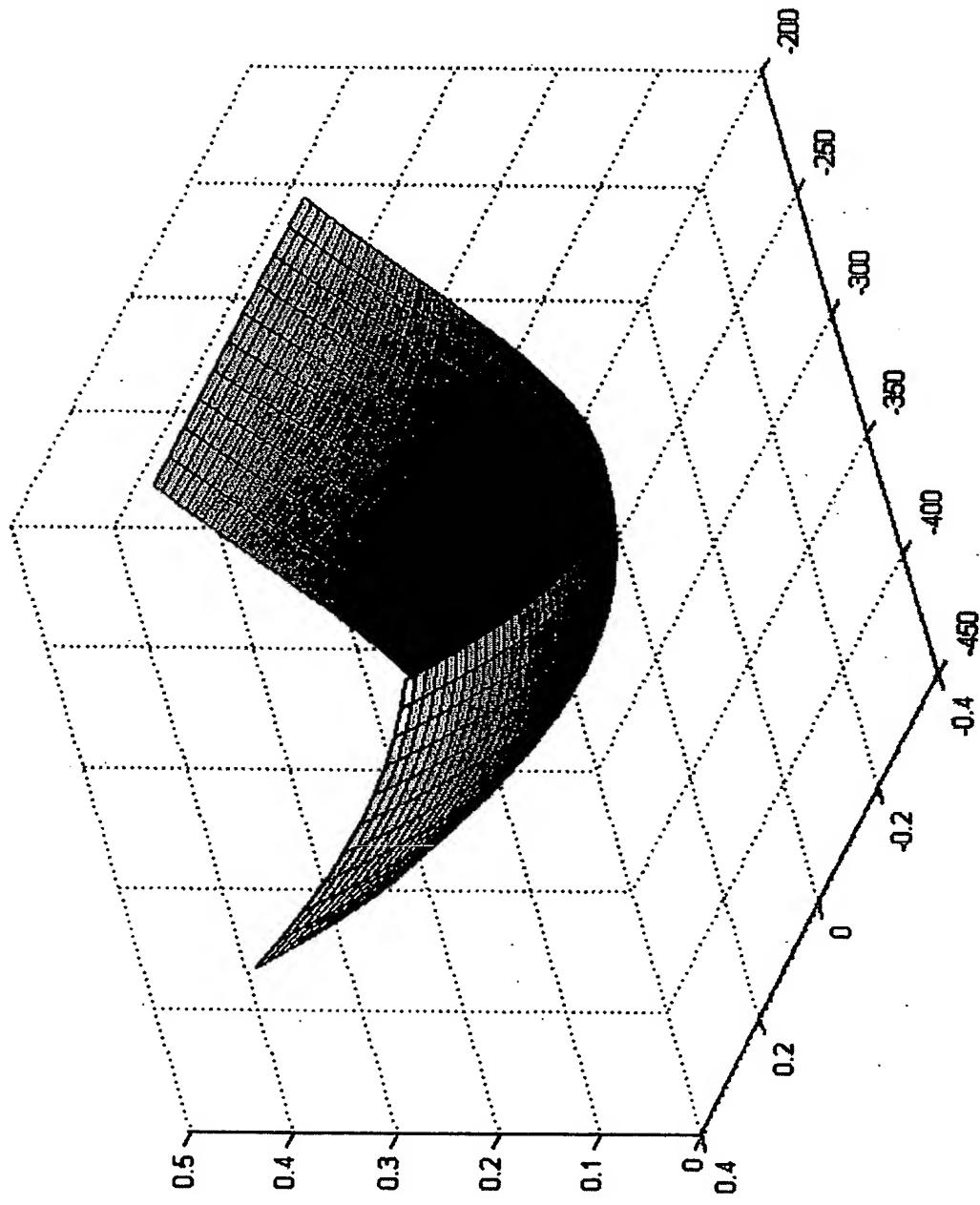


fig 3h

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABBERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 +0.015 waves rms

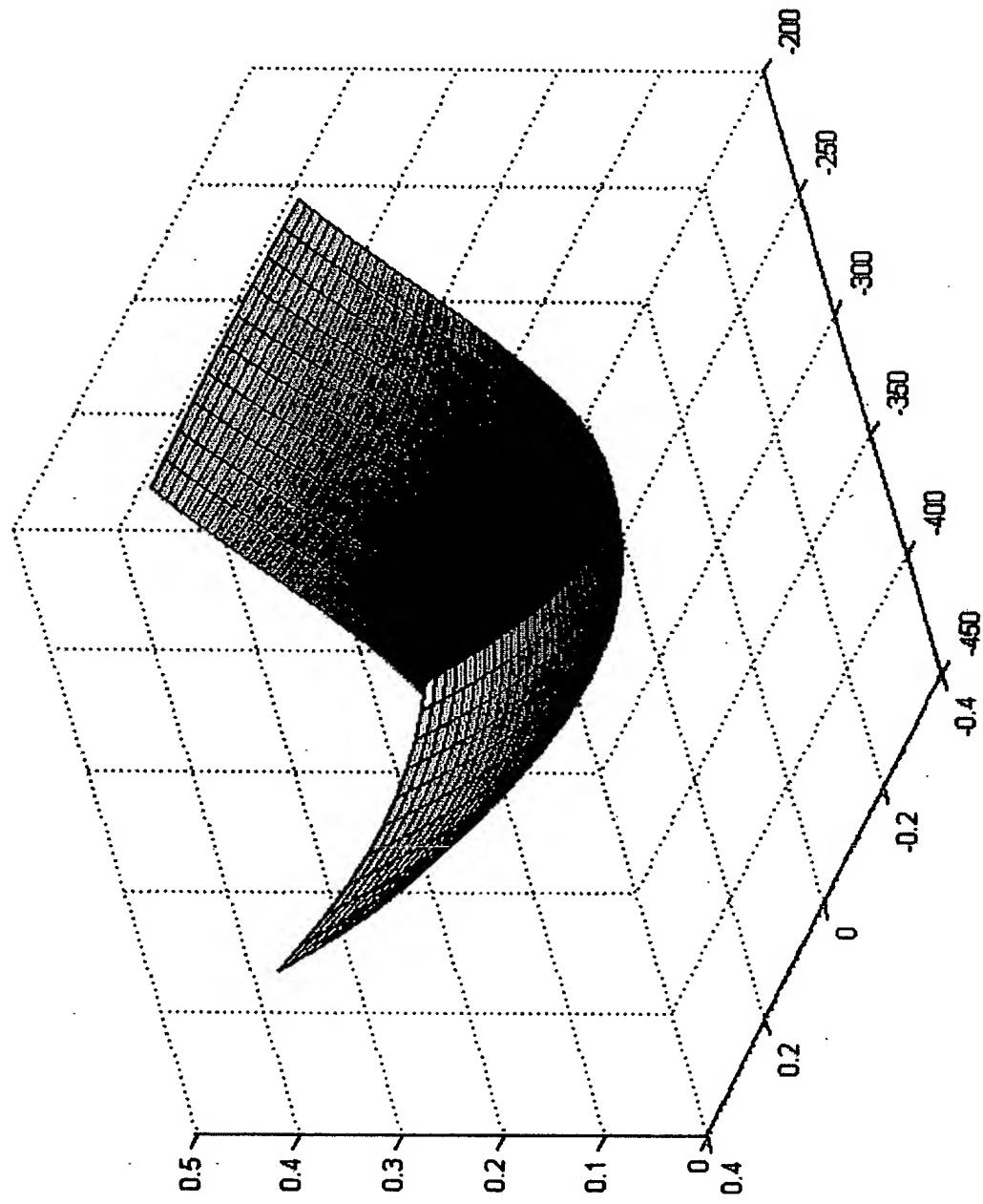


fig 3i

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 +0.020 waves rms

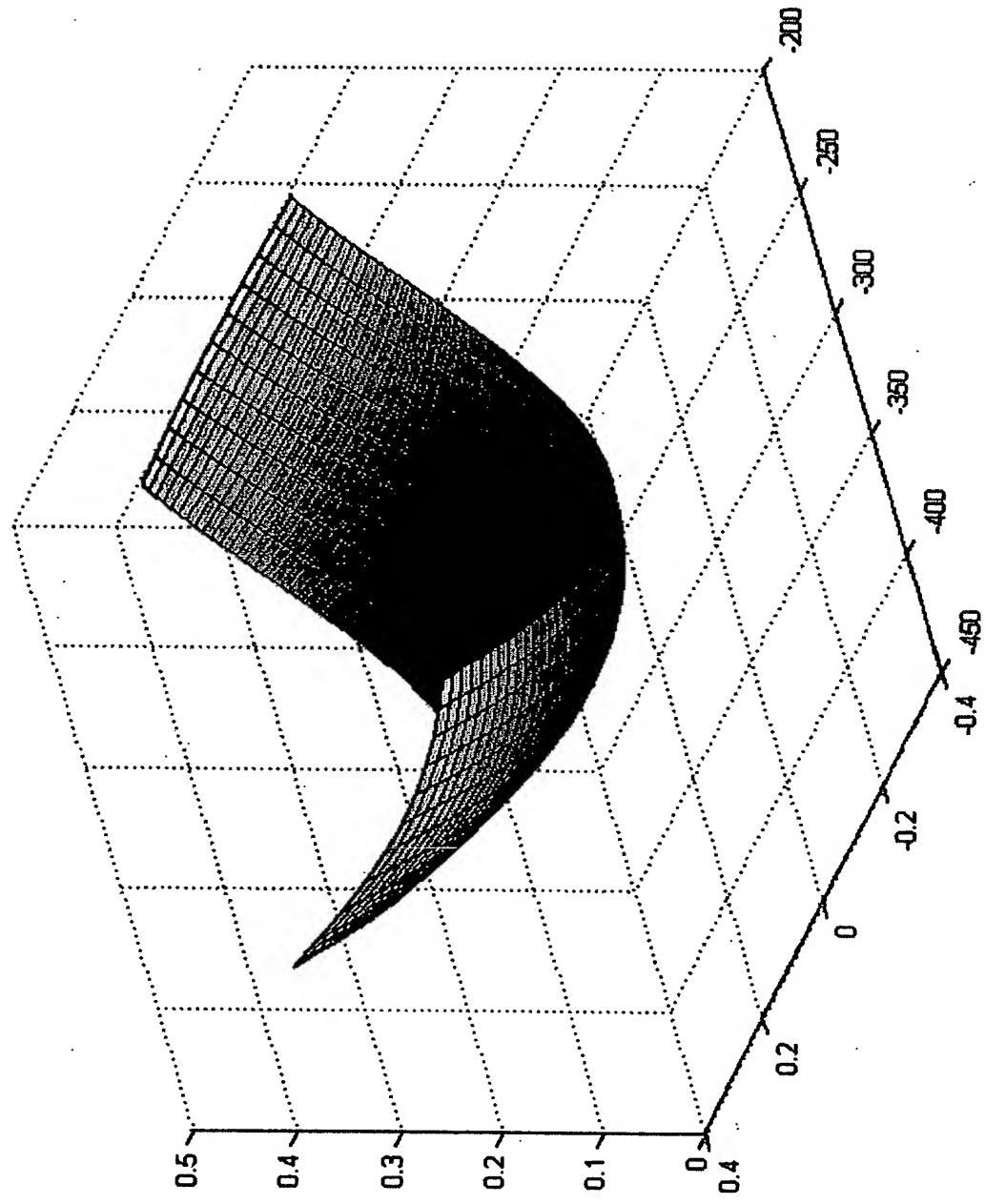


fig 3j

Application No. 10/538,763 Confirmation No. 5550  
Attorney Docket No. P27955  
Applicant: Steven D. SLONAKER  
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IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 +0.025 waves rms

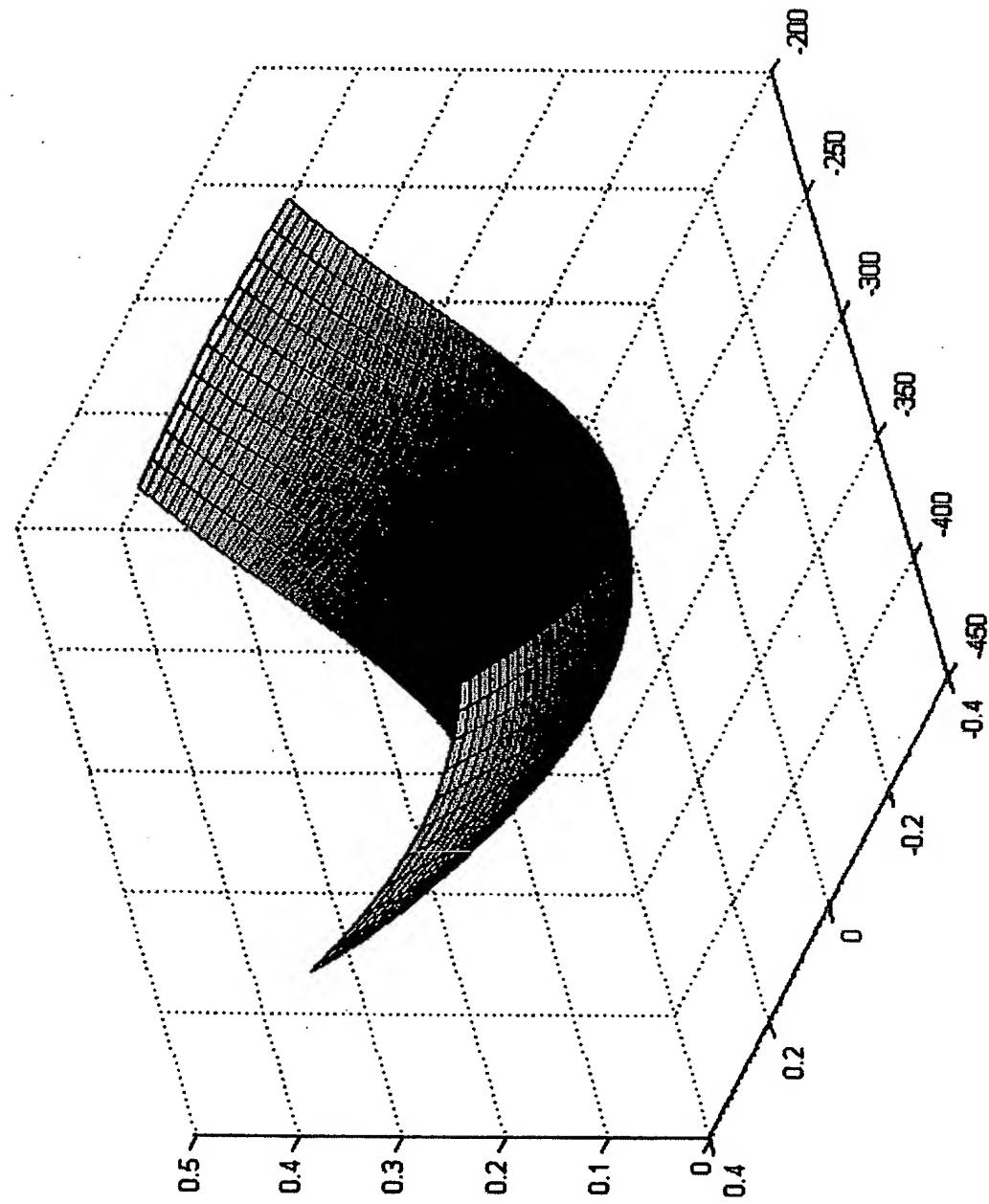


fig 3k

Application No. 10/538,763 Confirmation No. 5550  
Attorney Docket No. P27955  
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IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

Zernike 2 -0.025 waves rms

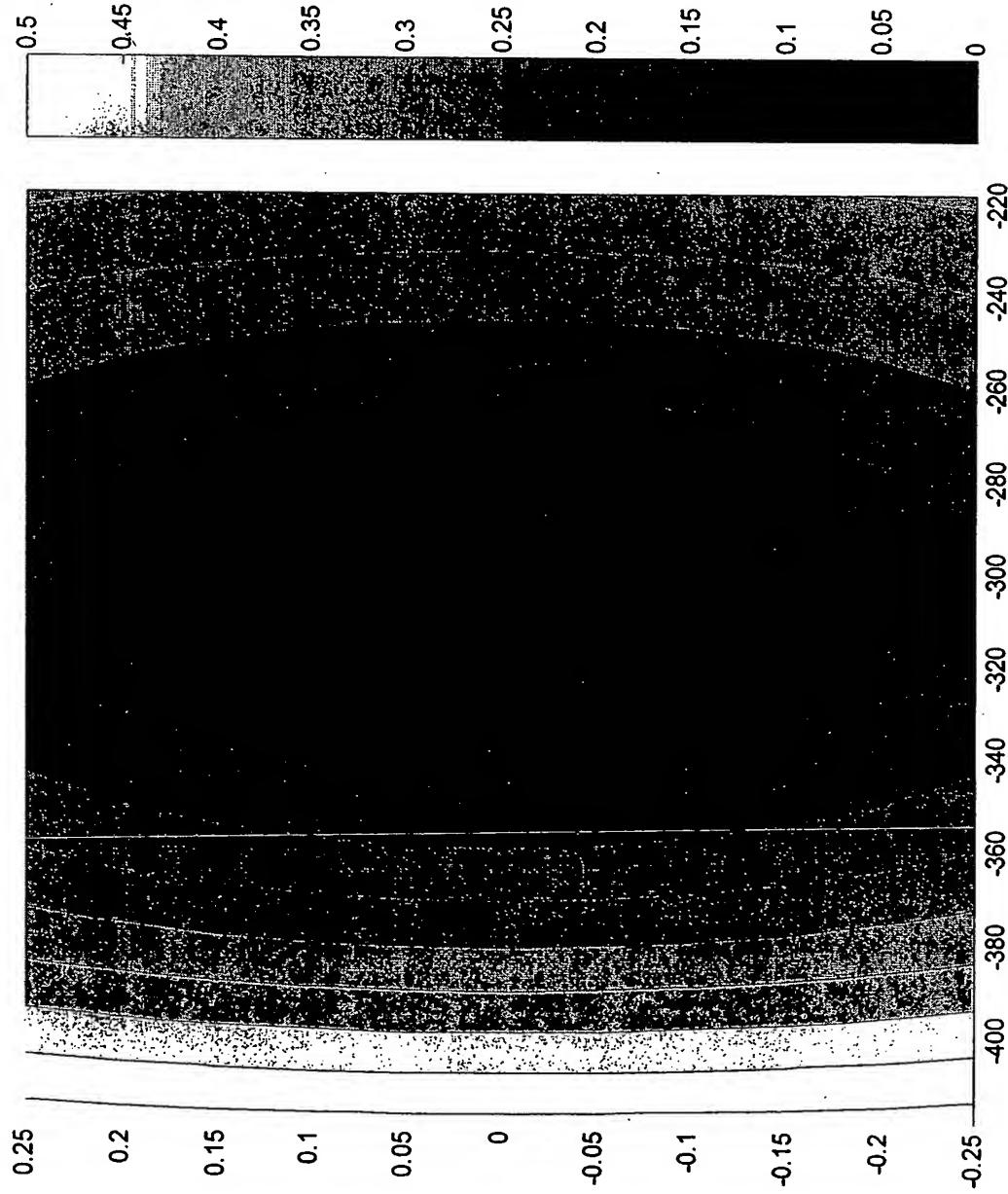


fig 4a

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
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Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 -0.020 waves rms

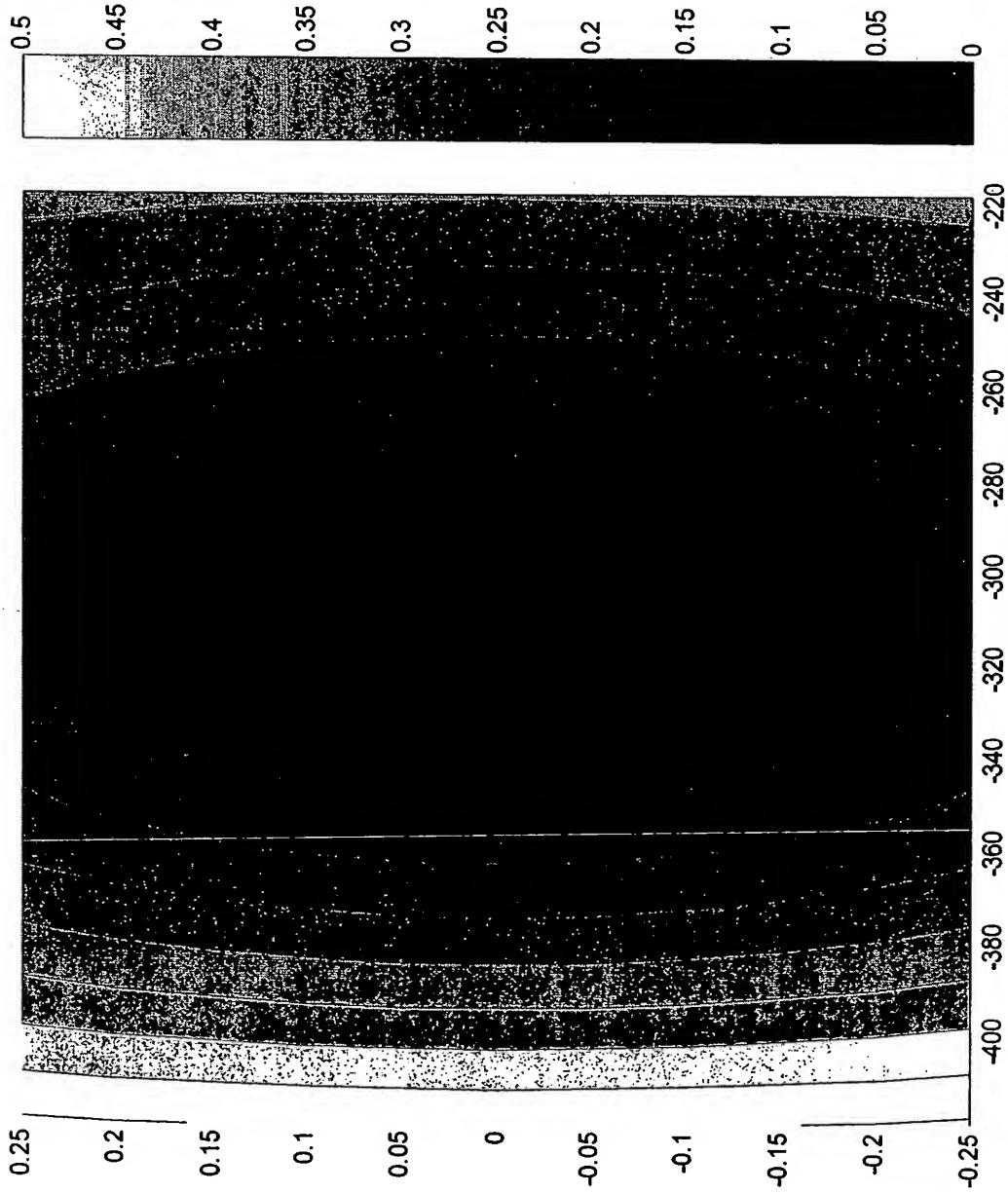


fig 4b

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

Zernike 2 -0.015 waves rms

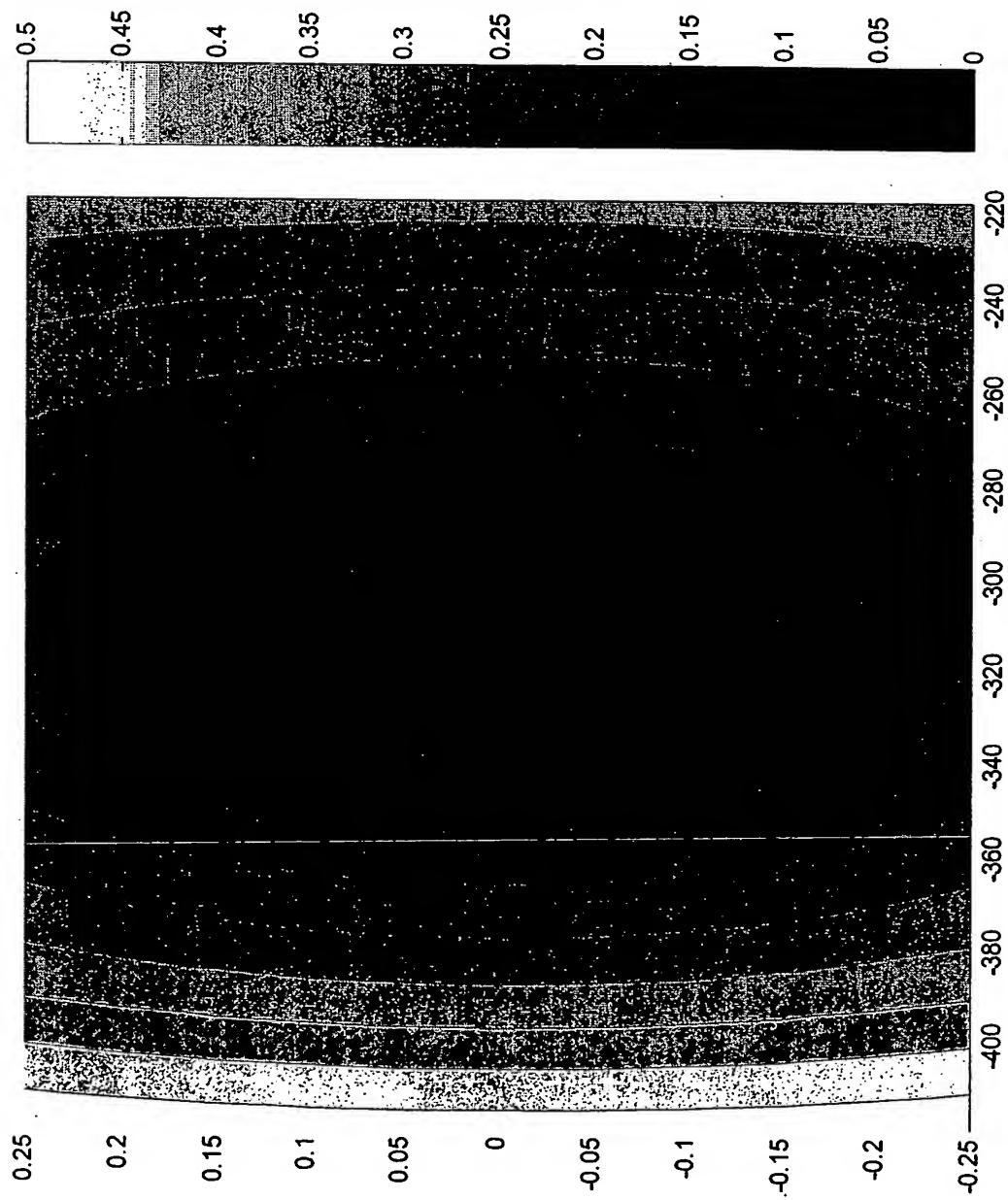


fig 4c

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zemike 2 -0.010 waves rms

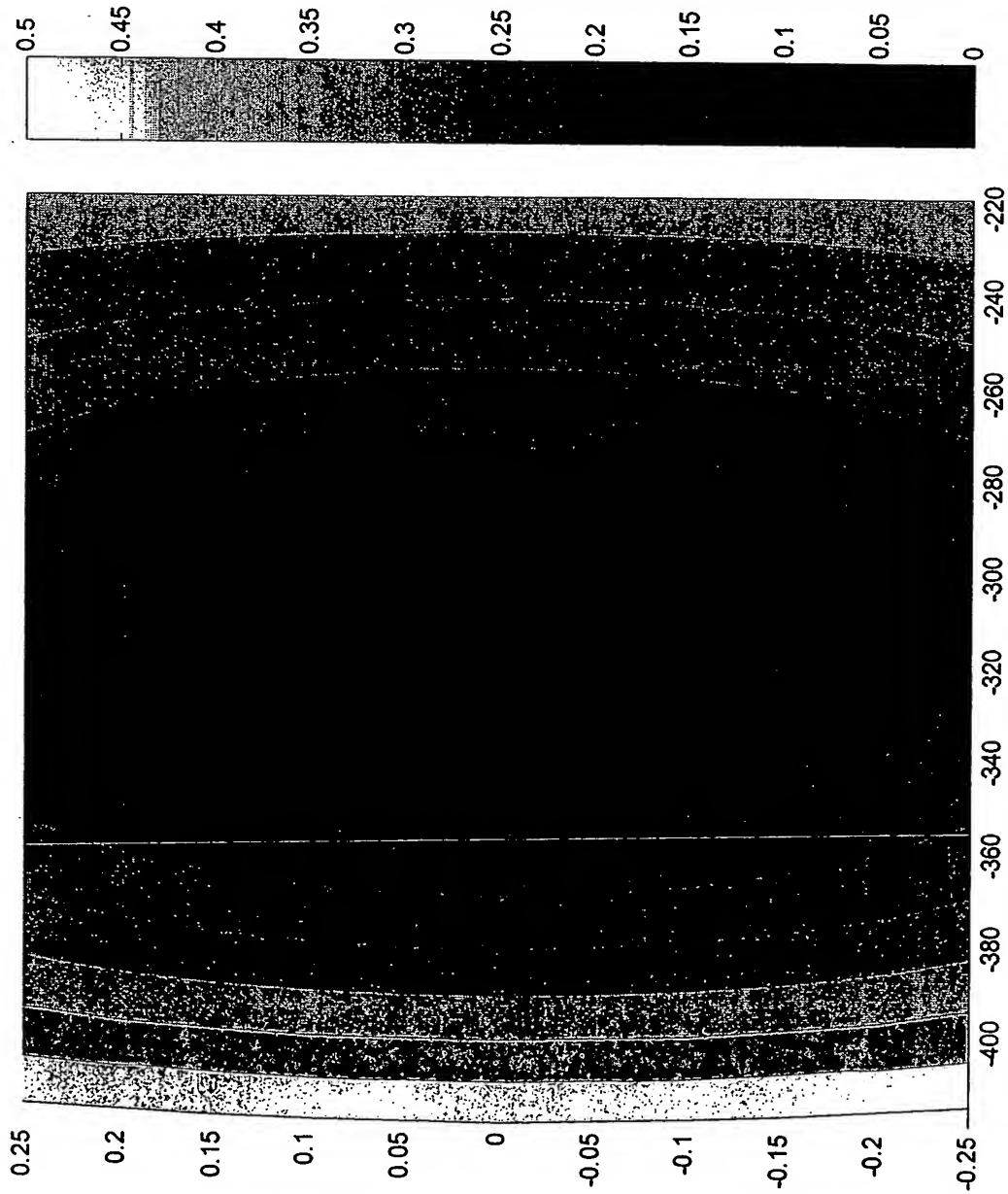


fig 4d

Application No. 10/538,763 Confirmation No. 55501  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

Zernike 2 -0.005 waves rms

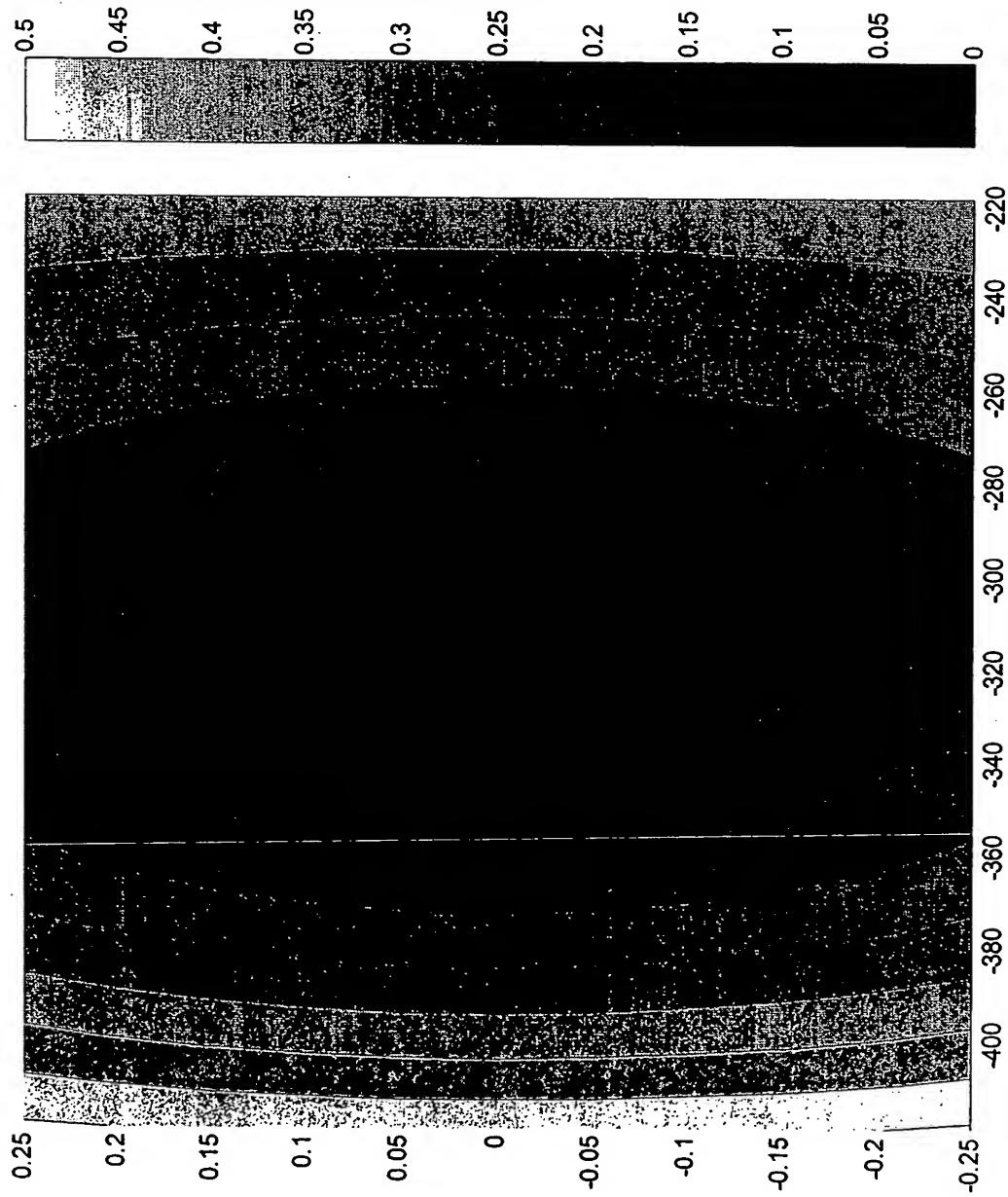
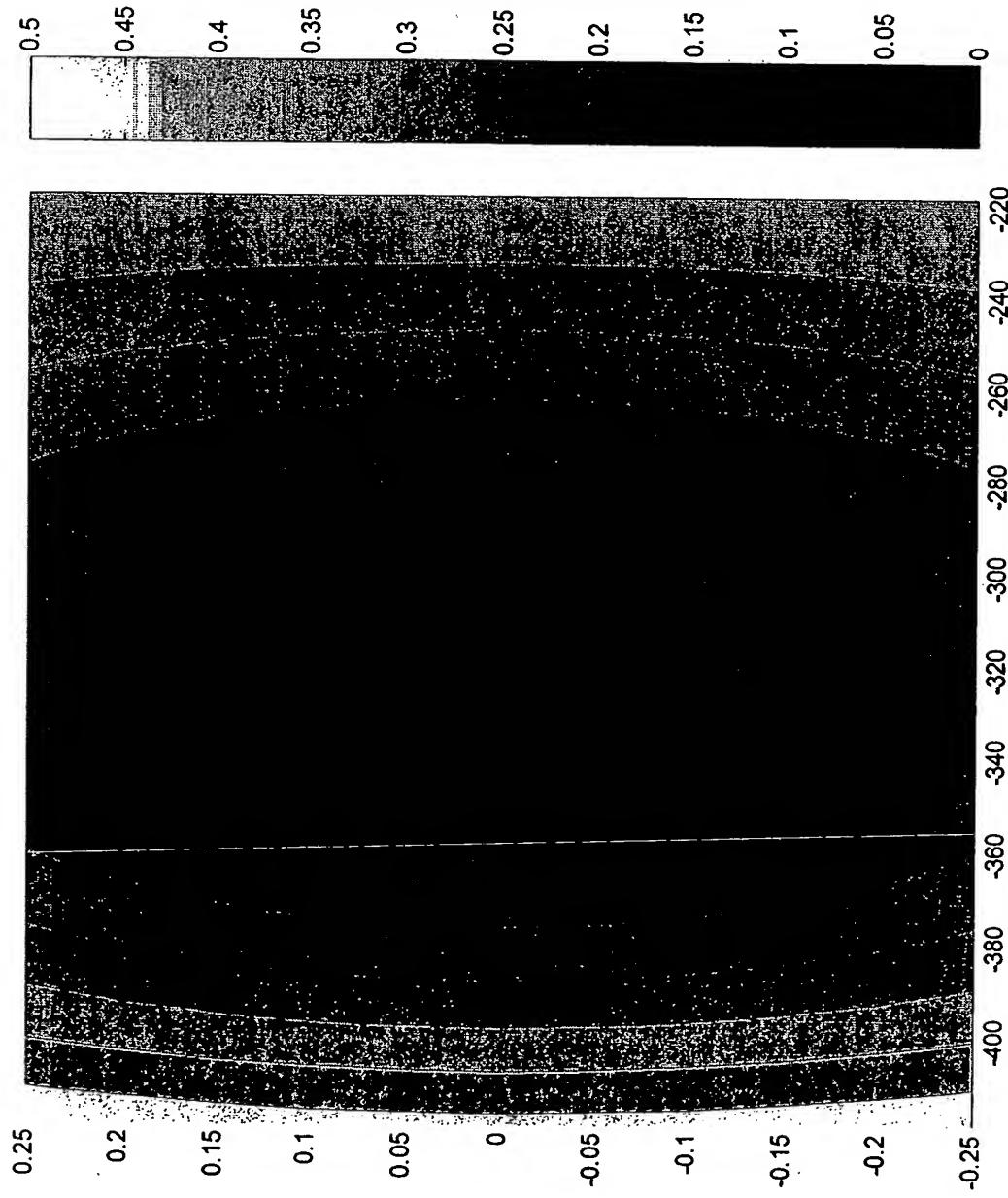


fig 4e

Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
REPLACEMENT SHEET

fig 4f Zenike 2 0.0 waves rms =no aberration case



Application No. 10/538,763 Confirmation No. 5550  
Applicant: Steven D. SLONAKER Attorney Docket No. P27955  
Title: METHOD AND SYSTEM FOR RECONSTRUCTING ABERRATED  
IMAGE PROFILES THROUGH SIMULATION  
Responsive to Official Communication dated: June 24, 2008  
**REPLACEMENT SHEET**

Zernike 2 +0.005 waves rms

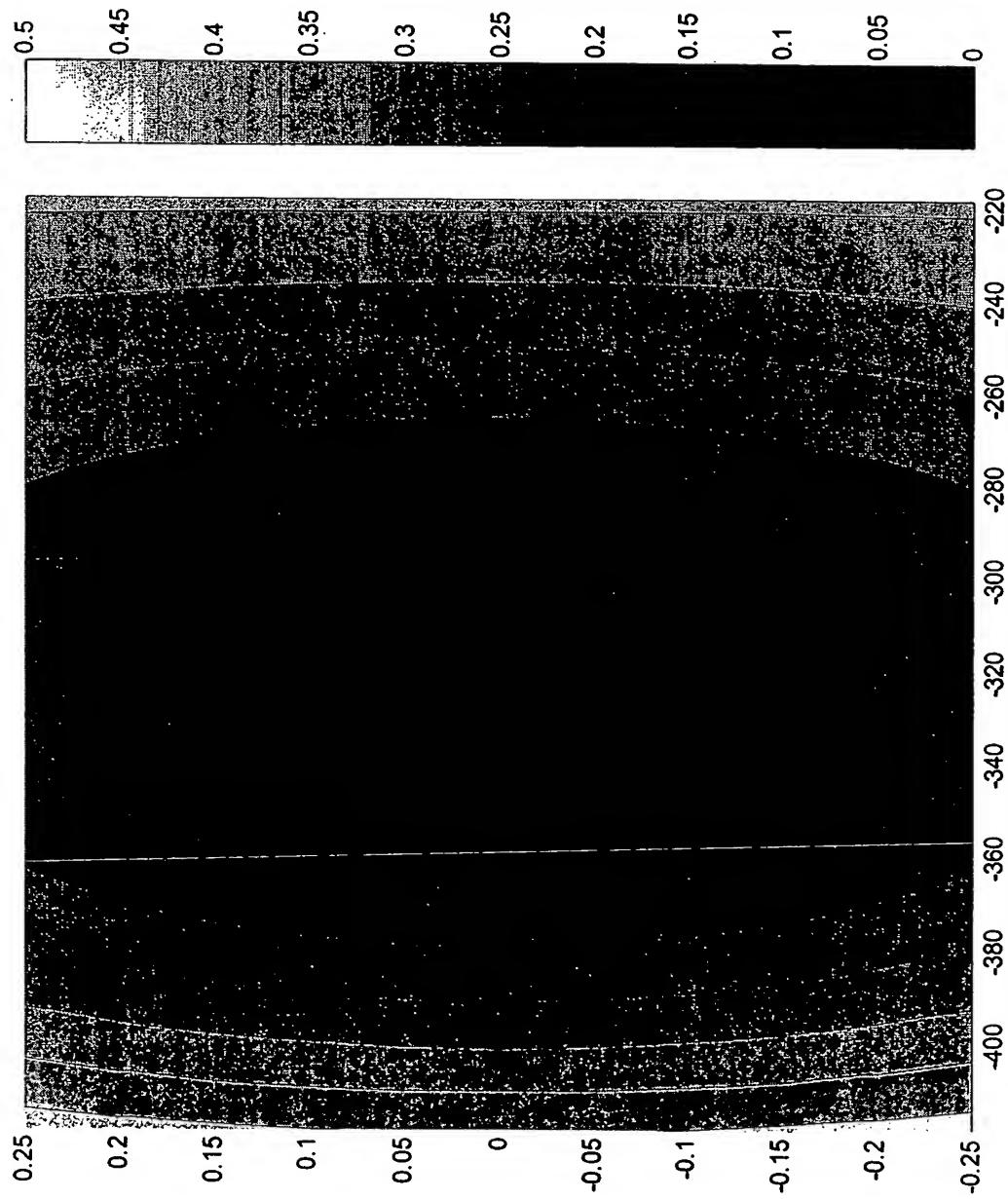


fig 4g

Application No. 10/538,763 Confirmation No. 5550  
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REPLACEMENT SHEET

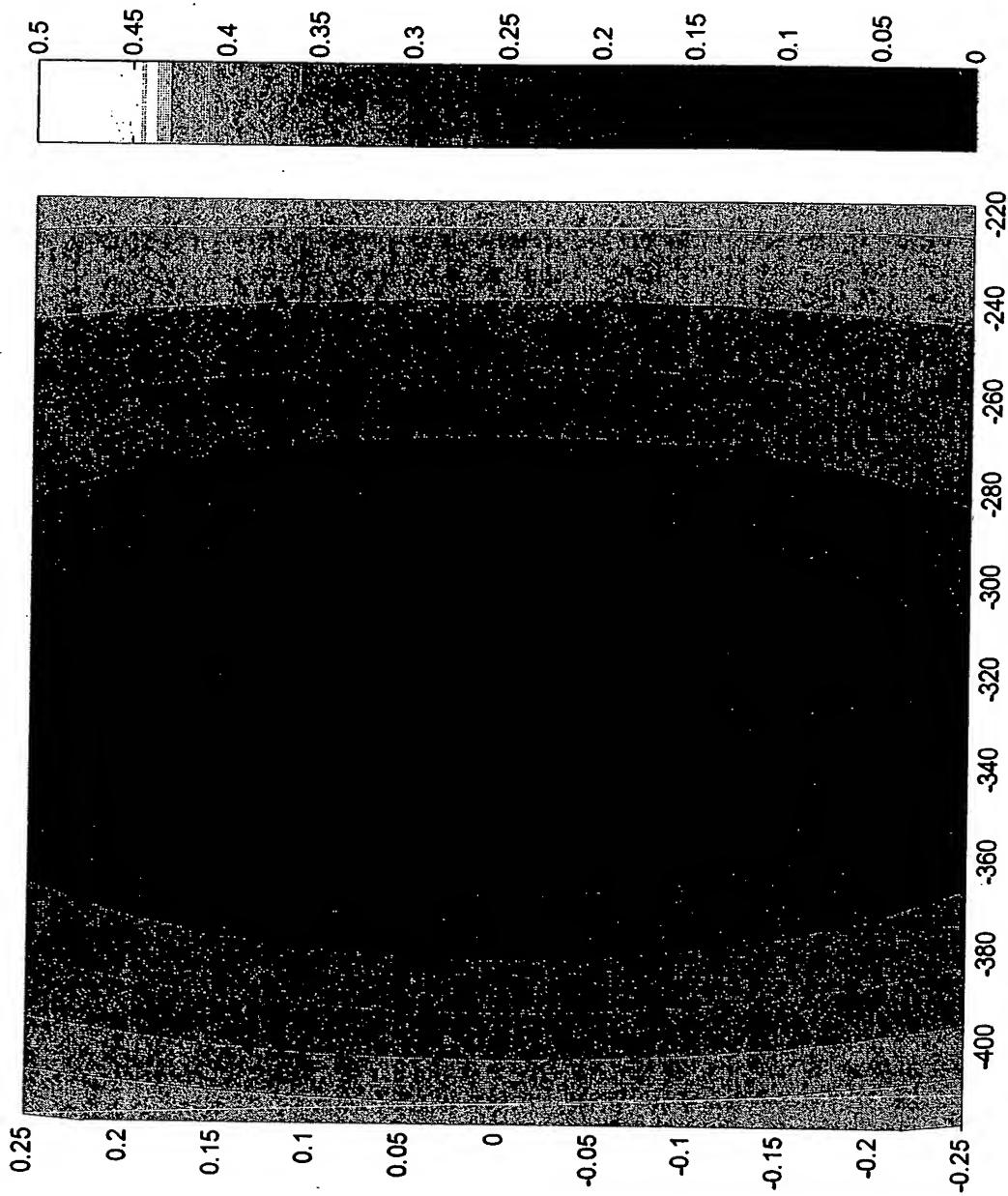


fig 4h

Zernike 2 +0.010 waves rms

Application No. 10/538,763 Confirmation No. 5550  
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REPLACEMENT SHEET

Zernike 2 +0.015 waves rms

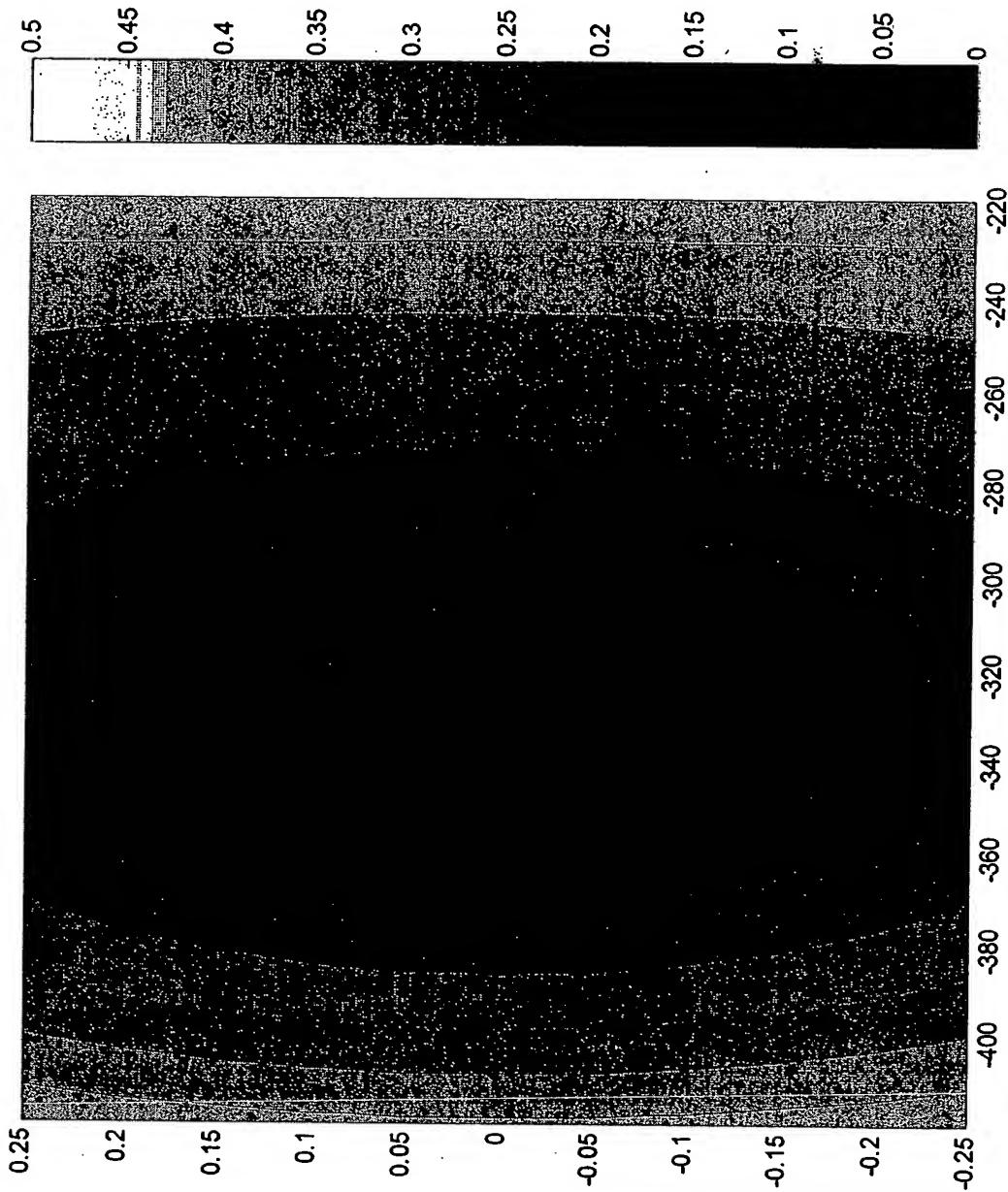


fig 4i

Application No. 10/538,763 Confirmation No. 5550  
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REPLACEMENT SHEET

Zernike 2 +0.020 waves rms

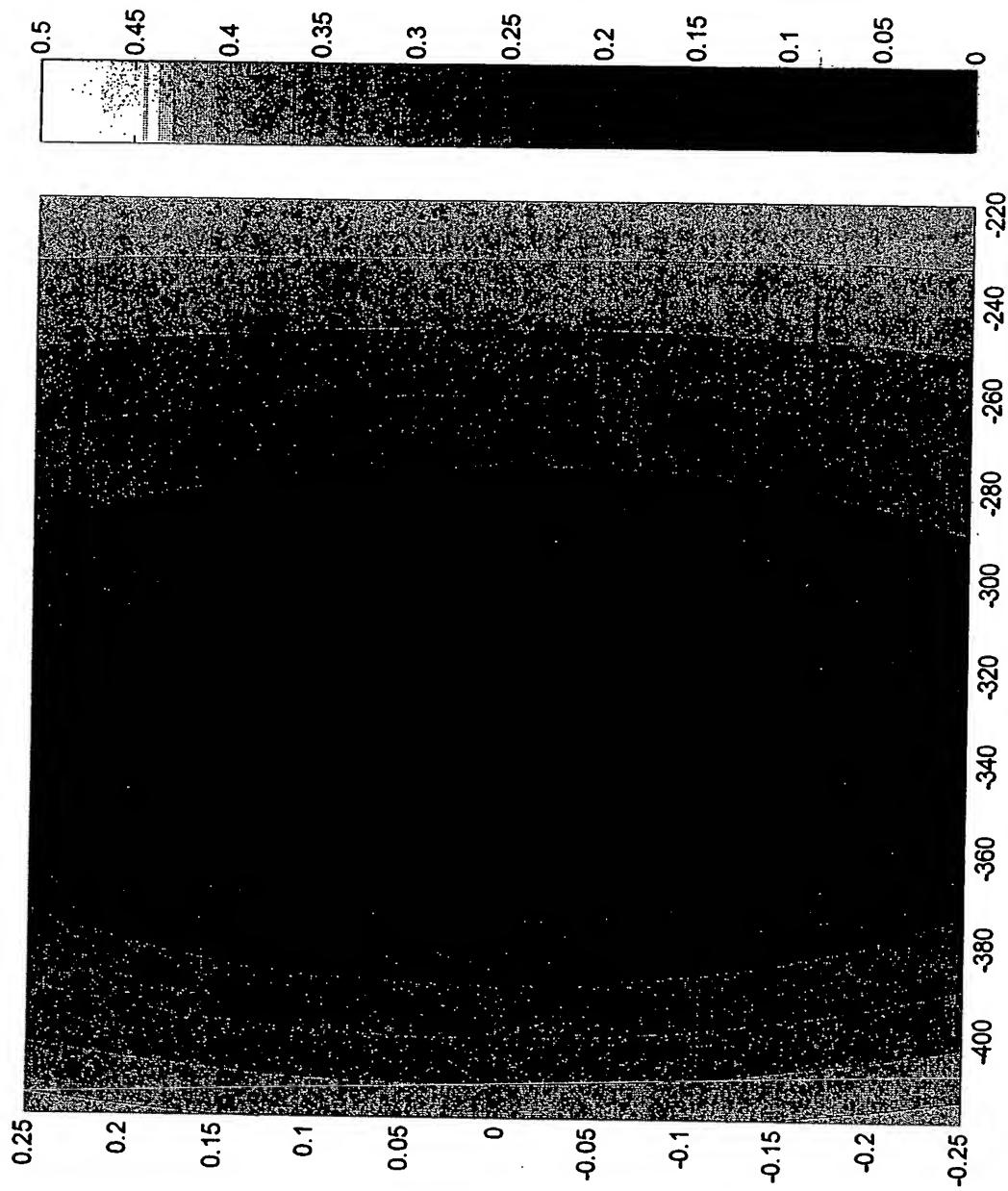


fig 4j

Application No. 10/538,763 Confirmation No. 5550  
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Zernike 2 +0.025 waves rms

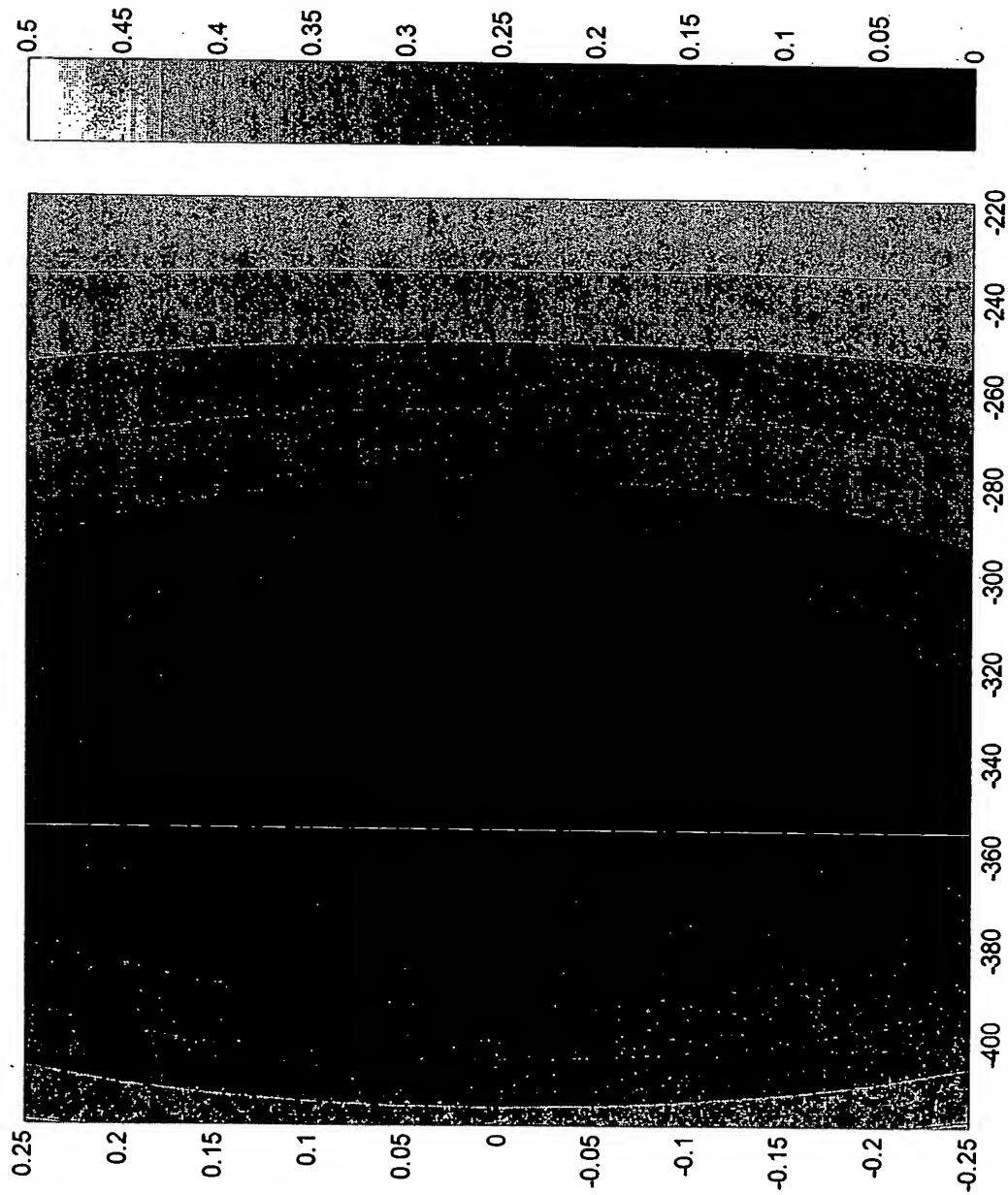


fig 4k

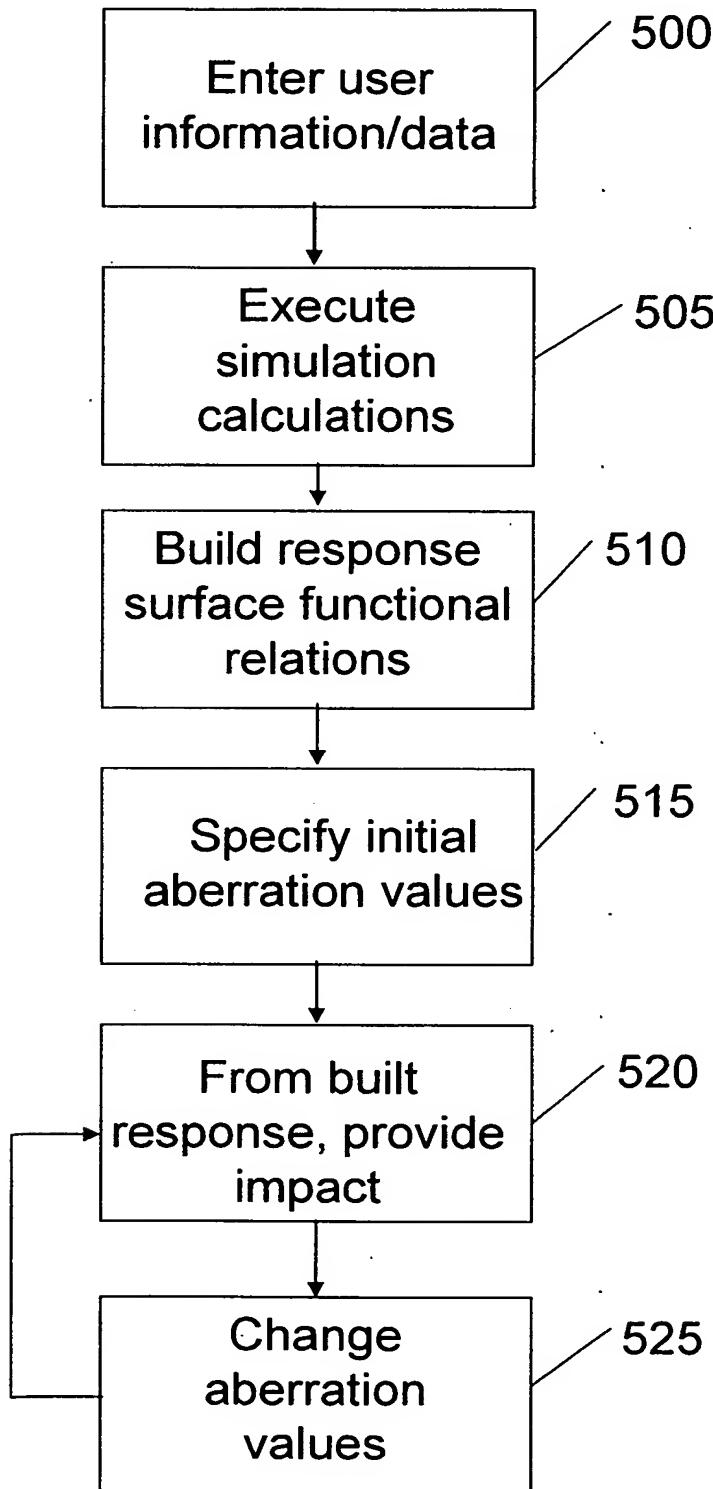


Figure 5